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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Docket Number (Optional)

03310.033001

Application Number

10/647,448

Applicant(s)

Hiroyuki KUMAKURA

Filing Date

August 25, 2003

Group Art Unit

1734

*EXAMINER
INITIAL

OTHER DOCUMENTS (Name of Document, Title, Date, Pertinent Pages, Etc.)

AI

Notification of Transmittal of and English Translation of PCT International Preliminary Examination Report dated February 24, 2003, 4 pages

EXAMINER

DATE CONSIDERED

8/18/05

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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/647,448-Conf. #1648
				Filing Date	August 25, 2003
				First Named Inventor	Hiroyuki Kumakura
				Art Unit	1734
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	03310/033001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			T ⁶
BA	JP-2-226738	09/10/1990	Toshiba Corp.		
BB	JP-4-302444	10/26/1992	Toshiba Corp.		
BC	JP-10-56259	02/25/1998	Matsushita Electric Ind. Co. Ltd.		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CA	Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages) (Japanese version)				
CB	English Translation of Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages)				
CC	Patent Abstracts of Japan; Publication No. 02-226738 dated 09/10/1990 (1 page)				
CD	Patent Abstracts of Japan; Publication No. 04-302444 dated 10/26/1992 (1 page)				
CE	Patent Abstracts of Japan; Publication No. 10-056259 dated 02/24/1998 (1 page)				

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature 93140	<i>J. T. Hasan</i>	Date Considered	8/18/05
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